

## RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical  
Information Center (STIC) no errors detected.

Application Serial Number: 10/539,440  
Source: Pct  
Date Processed by STIC: 7/13/06

# ***ENTERED***



PCT

## RAW SEQUENCE LISTING

DATE: 07/13/2006

PATENT APPLICATION: US/10/539,440

TIME: 09:28:18

Input Set : A:\SEQ list P697PC00.ST25.txt

Output Set: N:\CRF4\07132006\J539440.raw

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5 <110> APPLICANT: ENKAM Pharmaceutical A/S
9 <120> TITLE OF INVENTION: Method of modulation of interaction between receptor and
ligand
13 <130> FILE REFERENCE: P 697 PC00
C--> 17 <140> CURRENT APPLICATION NUMBER: US/10/539,440
C--> 17 <141> CURRENT FILING DATE: 2005-06-20
17 <160> NUMBER OF SEQ ID NOS: 146
21 <170> SOFTWARE: PatentIn version 3.1
25 <210> SEQ ID NO: 1
27 <211> LENGTH: 15
29 <212> TYPE: PRT
31 <213> ORGANISM: Artificial sequence
35 <220> FEATURE:
37 <223> OTHER INFORMATION: NCAM Fn III, 2 [Swiss-Prot: P13591]: FGFR binding motif
39 <400> SEQUENCE: 1
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42 1          5          10          15
45 <210> SEQ ID NO: 2
47 <211> LENGTH: 16
49 <212> TYPE: PRT
51 <213> ORGANISM: Artificial sequence
55 <220> FEATURE:
57 <223> OTHER INFORMATION: Interleukin-6 receptor beta chain [Swiss-Prot: Q00560]: FGFR
bind
58      ing motif
60 <400> SEQUENCE: 2
62 Asn Ile Glu Val Trp Val Glu Ala Glu Asn Ala Leu Gly Lys Lys Val
63 1          5          10          15
66 <210> SEQ ID NO: 3
68 <211> LENGTH: 14
70 <212> TYPE: PRT
72 <213> ORGANISM: Artificial sequence
76 <220> FEATURE:
78 <223> OTHER INFORMATION: Heparan sulfate proteoglycan perlecan [Swiss-Prot: P98160]:
FGFR
79      binding motif
81 <400> SEQUENCE: 3
83 Ala Thr Asn Arg Gln Gly Lys Val Lys Ala Phe Ala His Leu
84 1          5          10
87 <210> SEQ ID NO: 4
89 <211> LENGTH: 16
91 <212> TYPE: PRT
93 <213> ORGANISM: Artificial sequence
97 <220> FEATURE:

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99 <223> OTHER INFORMATION: Disintegrin and metalloprotease domain 8 (ADAM-8) [Swiss-  
Prot: Q0  
100 5910]: FGFR binding motif

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102 <400> SEQUENCE: 4
104 Arg Tyr Val Glu Leu Tyr Val Val Ala Asp Ser Gln Glu Phe Gln Lys
105 1          5          10          15
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110 <211> LENGTH: 13
112 <212> TYPE: PRT
114 <213> ORGANISM: Artificial sequence
118 <220> FEATURE:
120 <223> OTHER INFORMATION: Axonal-associated cell adhesion molecule [NCBI: NP_446331]:
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121      binding motif
123 <400> SEQUENCE: 5
125 Val Ala Glu Asn Ser Arg Gly Lys Asn Val Ala Lys Gly
126 1          5          10
129 <210> SEQ ID NO: 6
131 <211> LENGTH: 14
133 <212> TYPE: PRT
135 <213> ORGANISM: Artificial sequence
139 <220> FEATURE:
141 <223> OTHER INFORMATION: Myelin-associated glycoprotein (MAG) [Swiss-Prot: P20917]:
FGFR b
142      inding motif
144 <400> SEQUENCE: 6
146 Gly Glu Tyr Trp Cys Val Ala Glu Asn Gln Tyr Gly Gln Arg
147 1          5          10
150 <210> SEQ ID NO: 7
152 <211> LENGTH: 14
154 <212> TYPE: PRT
156 <213> ORGANISM: Artificial sequence
160 <220> FEATURE:
162 <223> OTHER INFORMATION: FIII,1 domain of NCAM [Swiss-Prot: P13591]: FGFR binding
motif
164 <400> SEQUENCE: 7
166 Arg Leu Ala Ala Leu Asn Gly Lys Gly Leu Gly Glu Ile Ser
167 1          5          10
171 <210> SEQ ID NO: 8
173 <211> LENGTH: 16
175 <212> TYPE: PRT
177 <213> ORGANISM: Artificial sequence
181 <220> FEATURE:
183 <223> OTHER INFORMATION: Neuronal nicotinic acetylcholine receptor alpha 3 subunit
(CHRNA
184      3) [Swiss-Prot: Q8VHH6/P04757:/Q8R4G9/P32297]: FGFR binding motif
186 <400> SEQUENCE: 8
188 Lys Tyr Ile Ala Glu Asn Met Lys Ala Gln Asn Val Ala Lys Glu Ile
189 1          5          10          15
192 <210> SEQ ID NO: 9
194 <211> LENGTH: 14
196 <212> TYPE: PRT
198 <213> ORGANISM: Artificial sequence
202 <220> FEATURE:
204 <223> OTHER INFORMATION: FIII,1 domain of NCAM (Swiss-Prot: P13591): FGFR binding
motif

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206 <400> SEQUENCE: 9

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208 Thr Ile Met Gly Leu Lys Pro Glu Thr Arg Tyr Ala Val Arg
209 1           5           10
212 <210> SEQ ID NO: 10
214 <211> LENGTH: 14
216 <212> TYPE: PRT
218 <213> ORGANISM: Artificial sequence
222 <220> FEATURE:
224 <223> OTHER INFORMATION: Granulocyte colony stimulating factor receptor precursor (G-
CSF-
225      R; CD114 antigen) [Swiss-Prot: Q99062]: FGFR binding motif
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229 Lys Gly Leu Gly Glu Ile Ser Ala Ala Thr Glu Phe Lys Thr
230 1           5           10
233 <210> SEQ ID NO: 11
235 <211> LENGTH: 13
237 <212> TYPE: PRT
239 <213> ORGANISM: Artificial sequence
243 <220> FEATURE:
245 <223> OTHER INFORMATION: NCAM Fn III, 1 [Swiss-Prot: P13591]: FGFR binding motif
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249 Asn Met Gly Ile Trp Val Gln Ala Glu Asn Ala Leu Gly
250 1           5           10
253 <210> SEQ ID NO: 12
255 <211> LENGTH: 10
257 <212> TYPE: PRT
259 <213> ORGANISM: Artificial sequence
263 <220> FEATURE:
265 <223> OTHER INFORMATION: Granulocyte colony stimulating factor receptor precursor (G-
CSF-
266      R; CD114 antigen) [Swiss-Prot: P40223]: FGFR binding motif
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270 Ile Trp Val Gln Ala Glu Asn Met Leu Gly
271 1           5           10
274 <210> SEQ ID NO: 13
276 <211> LENGTH: 11
278 <212> TYPE: PRT
280 <213> ORGANISM: Artificial sequence
284 <220> FEATURE:
286 <223> OTHER INFORMATION: Cytokine-like factor-1 precursor (CLF-1) [Swiss-Prot:
075462]: FG
287      FR binding motif
289 <400> SEQUENCE: 13
291 Glu Ile Trp Val Glu Ala Thr Asn Arg Leu Gly
292 1           5           10
295 <210> SEQ ID NO: 14
297 <211> LENGTH: 10
299 <212> TYPE: PRT
301 <213> ORGANISM: Artificial sequence
305 <220> FEATURE:
307 <223> OTHER INFORMATION: Interleukin-23 receptor (IL-23R) [Q8NFQ9]: FGFR binding
motif
309 <400> SEQUENCE: 14
311 Val Trp Val Gln Ala Ala Asn Ala Leu Gly

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312 1          5          10
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317 <211> LENGTH: 13
319 <212> TYPE: PRT
321 <213> ORGANISM: Artificial sequence
325 <220> FEATURE:
327 <223> OTHER INFORMATION: Complement factor 1 q , alpha polypeptide (C1QA) [Swiss-
Prot: Q9D
328          CM6]: FGFR binding motif
330 <400> SEQUENCE: 15
332 Glu Val Trp Ile Glu Lys Asp Pro Ala Lys Gly Arg Ile
333 1          5          10
336 <210> SEQ ID NO: 16
338 <211> LENGTH: 14
340 <212> TYPE: PRT
342 <213> ORGANISM: Artificial sequence
346 <220> FEATURE:
348 <223> OTHER INFORMATION: Fasciclin II precursor (FAS2) [Swiss-Prot: P22648]: FGFR
binding
349          motif
351 <400> SEQUENCE: 16
353 Ala Thr Asn Lys Gly Gly Glu Val Lys Lys Asn Gly His Leu
354 1          5          10
357 <210> SEQ ID NO: 17
359 <211> LENGTH: 16
361 <212> TYPE: PRT
363 <213> ORGANISM: Artificial sequence
367 <220> FEATURE:
369 <223> OTHER INFORMATION: ADAM-19 precursor (EC 3.4.24.-) [Swiss-Prot: Q9H013/O35674]:
FGFR
370          binding motif
372 <400> SEQUENCE: 17
374 Lys Tyr Val Glu Leu Tyr Leu Val Ala Asp Tyr Leu Glu Phe Gln Lys
375 1          5          10          15
378 <210> SEQ ID NO: 18
380 <211> LENGTH: 15
382 <212> TYPE: PRT
384 <213> ORGANISM: Artificial sequence
388 <220> FEATURE:
390 <223> OTHER INFORMATION: ADAM-8 precursor (EC 3.4.24.-) [Swiss-Prot: P78325]: FGFR
binding
391          motif
393 <400> SEQUENCE: 18
395 Arg Tyr Val Glu Leu Tyr Val Val Val Asp Asn Ala Glu Phe Gln
396 1          5          10          15
399 <210> SEQ ID NO: 19
401 <211> LENGTH: 16
403 <212> TYPE: PRT
405 <213> ORGANISM: Artificial sequence
409 <220> FEATURE:
411 <223> OTHER INFORMATION: ADAM-12 precursor (EC 3.4.24.-) [Swiss-Prot: O43184; Q61824]:
FGFR
412          binding motif

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414 <400> SEQUENCE: 19



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416 Lys Tyr Val Glu Leu Val Ile Val Ala Asp Asn Arg Glu Phe Gln Arg
417 1          5          10          15
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422 <211> LENGTH: 16
424 <212> TYPE: PRT
426 <213> ORGANISM: Artificial sequence
430 <220> FEATURE:
432 <223> OTHER INFORMATION: Metalloproteinase-disintegrin domain containing protein
TECADAM [
433      AF163291] : FGFR binding motif
435 <400> SEQUENCE: 20
437 Lys Tyr Ile Glu Tyr Tyr Val Val Leu Asp Asn Gly Glu Phe Lys Lys
438 1          5          10          15
441 <210> SEQ ID NO: 21
443 <211> LENGTH: 14
445 <212> TYPE: PRT
447 <213> ORGANISM: Artificial sequence
451 <220> FEATURE:
453 <223> OTHER INFORMATION: ADAM-33 precursor (EC 3.4.24.-) [Swiss-Prot: Q9BZ11/Q923W9]:
FGFR
454      binding motif
456 <400> SEQUENCE: 21
458 Arg Tyr Leu Glu Leu Tyr Ile Val Ala Asp His Thr Leu Phe
459 1          5          10
462 <210> SEQ ID NO: 22
464 <211> LENGTH: 15
466 <212> TYPE: PRT
468 <213> ORGANISM: Artificial sequence
472 <220> FEATURE:
474 <223> OTHER INFORMATION: ADAM-1A Fertilin alpha [Swiss-Prot: Q8R533]: FGFR binding
motif
476 <400> SEQUENCE: 22
478 Lys Tyr Val Glu Met Phe Val Val Val Asn His Gln Arg Phe Gln
479 1          5          10          15
482 <210> SEQ ID NO: 23
484 <211> LENGTH: 14
486 <212> TYPE: PRT
488 <213> ORGANISM: Artificial sequence
492 <220> FEATURE:
494 <223> OTHER INFORMATION: ADAM-9 [Swiss-Prot: Q13433; Q61072]: FGFR binding motif
496 <400> SEQUENCE: 23
498 Arg Tyr Val Glu Leu Phe Ile Val Val Asp Lys Glu Arg Tyr
499 1          5          10
502 <210> SEQ ID NO: 24
504 <211> LENGTH: 16
506 <212> TYPE: PRT
508 <213> ORGANISM: Artificial sequence
512 <220> FEATURE:
514 <223> OTHER INFORMATION: ADAM-7 precursor [Swiss-Prot: Q9H2U9]: FGFR binding motif
516 <400> SEQUENCE: 24
518 Lys Tyr Val Glu Leu Phe Ile Val Ala Asp Asp Thr Val Tyr Arg Arg
519 1          5          10          15

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**VERIFICATION SUMMARY**

PATENT APPLICATION: US/10/539,440

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Input Set : A:\SEQ list P697PC00.ST25.txt

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L:17 M:270 C: Current Application Number differs, Replaced Current Application No

L:17 M:271 C: Current Filing Date differs, Replaced Current Filing Date